

**Industry's  
Voluntary 6(a)(2) Incident  
Reporting Forms  
&  
Guidance Documents**

August 4, 1998

# Table of Contents

	Page
Introduction	3
General Considerations	4
Reporting categories and Time Frames (TABLE)	5
Incident Reporting Process (SCHEMATIC)	6
Trade & Professional Association contact list	6
Key to Form Data Fields	7
Administrative/ Pesticide/Incident Data	7
Human Incident Information Data	8
Fish, Wildlife or Other Non-Target Organisms Data	9
Domestic Animal Data	10
Detections of Pesticides in Surface Water Data	11
Detections of Pesticides in Groundwater Data	12
Property Damage with Risk of Human Injury Data	13
Unauthorized Residue in Food & Feed	14
Individual Incident Forms	15
Administrative/ Pesticide/Incident Form	15
Human Incident Information Form	16
Fish, Wildlife or Other Non-Target Organisms Form	17
Domestic Animal Form	18
Detections of Pesticides in Surface Water Form	19
Detections of Pesticides in Groundwater Form	20
Property Damage with Risk of Human Injury Form	21
Unauthorized Residue in Food & Feed Form	22
Aggregate Reporting Key	23
Summary of Exposure Types & Severity Categories Included in Aggregate Reporting (Table)	24
Aggregate Form Example I	25
Aggregate Form Example II	26

# Information Regarding the Use of the Voluntary 6(a)(2) Incident Reporting Forms

## Introduction

A number of industry trade organizations, registrants, professional groups and other interested parties have worked together in cooperation with the EPA to develop a set of reporting forms that can be used by Registrants to report 6(a)(2) related incidents to the EPA. These forms and their corresponding guidance documents provide useful tips and suggestions for meeting reporting requirements under 6(a)(2). Use of these specific forms for required reporting is voluntary. These forms have been developed to meet incident reporting requirements. EPA supports their use in 6(a)(2) compliance efforts as well as other methods of reporting to achieve the same purpose.

There are two sets of forms to reflect the two methods of reporting incidents to the Agency. Incidents that are of a more significant nature must be reported individually. Incidents that are either minor or more commonly encountered must be reported in aggregate. Severity categories and their respective reporting requirement are noted in the guidance instructions.

Typically, the single incident forms can be used to *collect* data regarding any incident. After the severity category of any given incident is determined the appropriate method of reporting that incident to the EPA can then be determined.

The single incident forms are divided into two specific areas. The first area describes “administrative data” or general demographic and product information that is gathered for any incident. There are seven supplemental addenda relating to the seven incident types i.e., human, domestic animal, fish/wildlife/plant/other non-target organisms, groundwater, surface water, food and feed, and property damage with risk of human injury. After collecting the information and the severity classification is determined, the Registrant can then ascertain whether the incident must be reported individually or in aggregate. If the incident must be reported individually the single incident forms can be used to submit the information directly. If the incident must be reported in aggregate certain information must be transferred to the aggregate report form and submitted in that manner.

General guidance information is provided in this document to aid in the completion of these forms. For further, or more specific guidance, consult 40 CFR Part 159.184 for full text and definitions. Some additional information is provided in Pesticide Registration Notice (PR Notice) 98-3.

These forms contain fields for reporting of information which may or may not be required to be reported to EPA under FIFRA 6(a)(2) and the regulations at 40 CFR 159.152 et.seq.. Use of this form is voluntary and is not intended to infer that any designated fields should be submitted to EPA or to mandate reporting of any specific information to EPA. Registrants/or applicants should consult their own legal counsel or FIFRA 6(a)(2) Reporting Officers before responding.

## General Considerations:

- Due to the nature of incidents and how they are typically reported through the 6(a)(2) process, Registrants do not guarantee the authenticity or accuracy of information contained in the reports required to be submitted to the Agency.
- The forms contain some fields of data that are optional. These fields are used to aid the Registrant in general data collection purposes. In some cases these fields represent data that are not required but can be submitted to document important information the Registrant believes is vital to a better understanding of the incident.
- The information collected on the form for Domestic Animal data is not required for single incident reporting as none of the severity classifications related to domestic animals are reported individually. All of these incidents are submitted on the aggregate forms. Data collected on the domestic animal form may be required by the EPA in cases of incident follow-up.
- The Registrant is only required to submit information that has been provided. No investigation or follow-up is required, but may be useful if further information helps qualify or clarify reported incidents.
- A portion of the category of H-E (anticipated or “may suffer” clinical effects) has been dropped from the reporting requirement by the EPA until further notice (see PR notice 98-4). The category of H-E is now limited to adverse effects that are unspecified or unknown.
- Exposure type and severity categories of humans and domestic animals take into account both duration and intensity of clinical effects. As noted in PR Notice 98-3 for human incidents:

“The persistence of symptoms or the development of delayed symptoms should be considered when classifying severity. For example, human cases may report developing common symptoms like headaches, general weakness, memory and concentration problems, depression, irritability, muscular aches and pains, or shortness of breath. If these symptoms last for just a few days and are minimally troublesome (do not require treatment) then they would be classified as minor (H-D). However, if symptoms persist for one month or longer they would be classified as moderate (H-C). Symptoms persisting for two or more months that significantly alter daily activities would be classified as major (H-B).”

Generally, **major effects** would include “life threatening” or effects resulting in “residual disability”. They could also include “adverse reproductive” effects.

**Moderate effects** are typically “more pronounced, more prolonged, or of a more systemic nature than minor effects”. Examples include, “isolated brief seizures”, “gastro-intestinal systems leading to dehydration” and “corneal abrasions.”

**Minor effects** would include effects such as “skin rash, itching, conjunctivitis (red, tearing eyes), drowsiness, transient cough, headache, joint pain, agitation, restlessness, or mild gastro-intestinal symptoms such as self-limited diarrhea, stomach cramps, or nausea. These effects are reported to have lasted less than one month.”

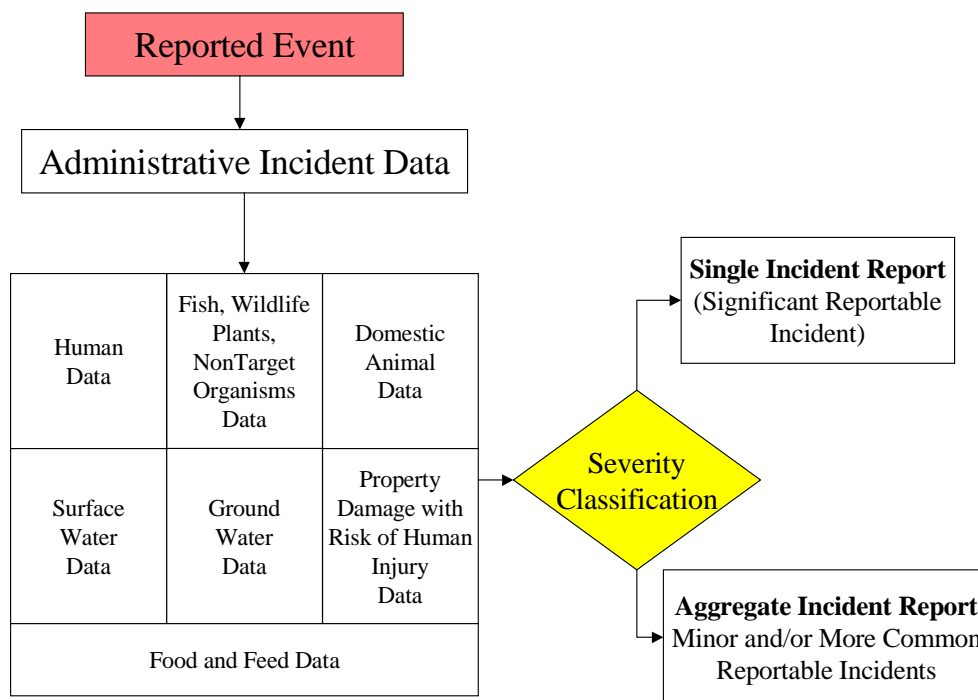
Note: See PR Notice 98-3 for a more detailed description of severity categorization for humans and domestic animals.

- The following table provides a quick reference guide to reporting timeframes and content:

<b>SEVERITY CATEGORIES and/or Other Reporting Categories</b>	<b>REPORTING TIMEFRAMES</b>
Human Deaths (H-A)	<p>ASAP-No Later than 15 days</p> <p>Submission Format: Individual Report</p> <p>Provide detailed information for each incident</p>
<p>Scientific Studies described in (159.165)</p> <p>Information about discontinued studies (159.167)</p> <p>Human epidemiology and exposure studies (159.167)</p> <p>Detection of a unauthorized pesticide in or on food or feed (159.178)</p> <p>Detection of metabolites, degradates, contaminates, impurities (159.179)</p> <p>Failure of performance studies related to public health products (159.188 (a)(2), (b)(2))</p> <p>Substantiated incidents of pest resistance (159.188 (c))</p> <p>Other information described in (159.195)</p> <p>Property Damage with risk to human health (PD-A) and other information (159.195)</p>	<p>Submit within 30 calendar days</p> <p>Submission Format:</p> <ul style="list-style-type: none"> <li>- Individual Report (Food/Feed, Property Damage with risk of injury to humans)</li> <li>- For all other submissions refer to 159.156</li> </ul>
<p>Human – Major (H-B)</p> <p>Human – Moderate (H-C)</p> <p>Major – Wildlife (W-A)</p> <p>Plant (P-A)</p> <p>Detection of pesticide in water at levels greater than MCL/HAL (G-A) (159.178 (b) &amp; 159.184 (c)(5))</p> <p>Efficacy failure incidents regarding public health products(159.188 (a)(1) &amp; (b)(1))</p>	<p>Accumulate 1 Month</p> <p>Submit by the end of the month following the accumulation period.</p> <p>Submission Format: Individual Report</p> <p>Provide detailed information for each incident as required in section 159.184(c)</p>
<p>Human – Minor (H-D)</p> <p>Unspecified or Unknown effects (H-E)</p> <p>All Domestic Animal (D-A,B,C,D,E)</p> <p>All Other Categories for Wildlife (W-B)</p> <p>Plant (P-B)</p> <p>Detection of pesticide in water below MCL/HAL but otherwise reportable (G-B,C) ((159.178 (b) &amp; 159.184 (c)(5))</p>	<p>Accumulate 3 Months</p> <p>Submit by the end of the 2<sup>nd</sup> month following the accumulation period</p> <p>Submission Format: Aggregate</p> <p>Aggregate and submit count of incidents and effects for each product or AI as required in section 159.184 (e)</p>
Incomplete toxicological and ecological studies (159.165 (d))	Consult sec. 159.165 (d) when testing is completed but study not finalized

- The overall flow of the reporting process is depicted in the following diagram:

## 6(a)(2) Incident Reporting Process



- Original and updated versions of these forms and guidance tools are available from the following organizations. These organizations have been closely involved in the form development process and serve as a valuable resource to their constituents and others interested in 6(a)(2) related efforts.

American Crop Protections Association  
 1156 Fifteenth St., NW, Suite 400  
 Washington, DC 20005  
 Phone: (202) 296-1585  
 Fax: (202) 463-0474  
 Staff contact: Ray McAllister  
 Web site: <http://www.acpa.org>

Chemical Specialties Manufacturers Association  
 1913 Eye St. NW  
 Washington, DC 20006  
 Phone: (202) 872-8110  
 Fax: (202) 872-8114  
 Staff contact: Steve Kellner  
 Web site: <http://www.csma.org>

Chemical Manufacturers Association  
 1300 Wilson Blvd.  
 Arlington, VA 22209  
 Phone: (703) 741-5637  
 Fax: (703) 741-6091  
 Staff contact: Has Shah  
 Web site: <http://www.cmahq.com>

International Sanitary Supply Association  
 7373 North Lincoln Ave.  
 Lincolnwood, IL 60646-1799  
 Phone: (847) 982-0800  
 Fax: (847) 982-1012  
 Staff contact: Bill Balek  
 Web site: <http://www.issa.com>

Chemical Producers and Distributors Association  
 1430 Duke Street  
 Alexandria, VA 22314  
 Phone: (703) 548-7700  
 Fax: (703) 548-3149  
 Staff contact: Warren Stickle  
 Web site: <http://www.cpda.com>

PROSAR Product Safety Call Center  
 1295 Bandana Blvd. Suite 335  
 St. Paul, Minnesota 55108  
 Phone: (651) 917-6100  
 Fax: (651) 641-0341  
 Staff contact: Joele Richardson  
 Web site: <http://www.prosarcorp.com>

# KEY TO DATA FIELDS ON INDIVIDUAL INCIDENT FORMS

## Administrative, Pesticide and Incident Circumstance Data Section

(See attached form)

### Row 1 Administrative Data

Field	Comments/Description
Reporter name, Address, Phone #	This field refers to the individual that is reporting the incident to the Registrant or Registrants Agent. Anonymous reports where an individual declines to provide a name and other identifying information are not reportable to the EPA.
Submission date	This field refers to the date the report is submitted to the agency.
Contact person (If different than reporter), Address, Phone #	This field can be used to identify an individual, other than the reporter, to be contacted for further information related to the incident. Examples could include; parent, physician, lawyer, etc.
Internal ID	This optional field may be used by the registrant for internal purposes.
Incident status: New, Update	Use this field to identify if this is a new report or an update regarding a previous report.
Location and date of incident	Self-explanatory
Date registrant became aware of incident	This date refers to when the registrant, or the registrants agent, was advised of the incident.
Was incident part of larger study	An example would include ongoing monitoring of detections of pesticides in ground or surface water.

### Row 2 Pesticide Data

Field	Comments/Description
EPA Registration # (for up to 3 product identifications)	In order for the incident to be a reportable event the product must be identified in at least one of two ways. In order of preference by the agency, they are: 1) EPA Product Registration Number or, 2) Active Ingredient. The product name must also be included, if known, but must be accompanied by either EPA Product Registration Number or Active Ingredient.
AI (s)	Identify the active ingredient here. (see above)
Product name	If known, identify the Product Name here. (see above)
Exposed to concentrate prior to dilution	If product is sold in a concentrated form intended for dilution and the incident involves the concentrate prior to being diluted, indicate so here.
Formulation	Identify the formulation if known. Examples could include wettable powder, liquid, granules, etc.

### Row 3 Incident Circumstances

Field	Comments/Description
Evidence label directions were not followed	If this can be determined from the history and circumstances of the incident indicate so here.
Applicator certified PCO	If the individual applying the pesticide is a certified Pest Control Operator, indicate so here.
Incident site	Indicate where incident occurred in this area. Examples of incident sites could include home, yard, school, industrial, nursery/greenhouse, surface water, commercial turf, building/office, forest/ woods, agricultural (specify crop), right-of-way (rail, utility, highway)). Use descriptors that best describe the information reported.
Situation	Describe how the product was being used at the time of the reported incident or what the exposed individual was doing when the exposure occurred. Examples could include mixing/loading, reentry, application, transportation, repair/ maintenance of application equipment, manufacturing/ formulating).
How Exposed	Indicate how the individual came in contact with the substance/product. Examples could include direct contact with treated surface, ingestion, spill, drift, runoff, etc.
Incident circumstances	Provide a brief description of what happened.

**KEY TO DATA FIELDS ON INDIVIDUAL INCIDENT FORMS**  
**Human Incident Information Addendum**  
(See attached form)

<b>Field</b>	<b>Comments/Description</b>
Demographic (Age, Sex, Occupation)	Provide the age and sex of the individual exposed. If the incident was occupationally related state the occupation of the individual involved.
Exposure route	Exposure route refers to how the person came in contact with the substance or product. Examples could include skin, respiratory, ingestion etc.
Suicide/homicide related event	Indicate here if the incident was the result of a suicide or homicide.
Protective clothing	Indicate what type of protective clothing was being used by the individual at the time of the incident.
Pregnancy Status	If the individual is a female and her pregnancy status is known, indicate here.
Occupational exposure status and workdays lost	For those incidents occurring in the workplace, and where the number of workdays lost is known, indicate so here.
Time from exposure to development of symptoms	Indicate how long after the incident occurred that the first signs and symptoms were noted.
Type of medical care sought	If the individual sought medical care indicate the type of medical care sought. Examples include none, clinic, hospital emergency department, private physician, PCC (Poison Control Center), hospital inpatient.
Signs/symptoms	Provide a description of the reported signs and symptoms.
Lab tests	If laboratory tests related to the exposure were performed indicate the results.
Exposure Data: (amount, duration, Patient Weight)	If amount of product involved and the duration of contact with the product can be determined indicate so here.
Severity category	See information provided in the guidance attachment.
Qualifying information	(Optional field) The rule allows Registrants to provide any clarifying or qualifying information related to the incident or their evaluation of the incident. Registrant may use this space to record this information and, attach additional pages if necessary.
Internal ID	(Optional field) This field is for internal use by Registrant.



**KEY TO DATA FIELDS ON INDIVIDUAL INCIDENT FORMS**  
**Fish, Wildlife, Plant or Other Non-Target Organism Incidents**  
**Addendum**  
(See attached form)

<b>Field</b>	<b>Comments/Description</b>
List species affected and number of individuals per species	Record as noted.
List symptoms or adverse effects	Record as noted.
Magnitude of the effect	Record as noted.
Pesticide application rate, intended use site, application method	Record as noted.
If Plant, plant type	Record as noted.
If lab test(s) performed, list name of tests and results (submit laboratory report(s) if available)	Record as noted.
Description of the habitat and the circumstances under which the incident occurred.	Record as noted.
Distance from treatment site	This is defined as the distance generally reported in feet or yards that a species, generally a bird or fish has been found (usually dead) adjacent to the treated field or site. For instance, a fish kill could have been reported to have occurred 100 yard from the treatment site.
Fish, wildlife, plant, other non-target organism severity category	Record as noted.
Other severity categories reported:	Record as noted.
Additional space for answers or explanatory information in this box.	(Optional field) The rule allows Registrants to provide any clarifying or qualifying information related to the incident or their evaluation of the incident. Registrant may use this space to record this information and, attach additional pages if necessary.
Internal ID#	(Optional field) This field is for internal use by Registrant.

**KEY TO DATA FIELDS ON INDIVIDUAL INCIDENT FORMS**  
**Domestic Animals**  
(See attached form)

<b>Field</b>	<b>Comments/Description</b>
Type of animal	Record as noted.
Breed/species (name, no./adv effect)	Identify the breed and species as well as number of animals displaying each category of adverse effect.
Exposure route	Exposure route refers to how the animal came in contact with the substance or product. Examples could include skin, respiratory, ingestion etc.
Time between exposure and onset of symptoms	Indicate how long after the incident occurred that the first signs and symptoms were noted.
Signs/symptoms/adverse effects	Provide a description of the reported signs and symptoms.
If lab test(s) performed, list name of tests and results (submit laboratory report(s) if available)	Record as noted.
Additional space for answers or explanatory information	(Optional field) The rule allows Registrants to provide any clarifying or qualifying information related to the incident or their evaluation of the incident. Registrant may use this space to record this information and, attach additional pages if necessary.

## KEY TO DATA FIELDS ON INDIVIDUAL INCIDENT FORMS Detections of Pesticides in Surface Water Information

(See attached form)

Field	Comments/Description
Pesticide/degradates analyzed for, methods of analysis, corresponding detection limits and amount detected	Record as noted.
If raw water samples, water bodies sampled and approximate locations in each water body	Record as noted.
If raw water samples, proximity of sampling locations to drinking water supply intakes and identities of systems supplied	Record as noted.
If finished water samples, water supply systems sampled	Record as noted.
If finished water samples, percent surface water source by specific surface water sources to water supply system(s)	Record as noted.
Amount of pesticide detected	Record as noted.
Sampling times/frequency	Record as noted.
Sample type: (Grab, composite, Other)	Record as noted.
Water severity category	Record as noted.
Additional space for answers or explanatory information in this box	(Optional field) The rule allows Registrants to provide any clarifying or qualifying information related to the incident or their evaluation of the incident. Registrant may use this space to record this information and, attach additional pages if necessary.

## KEY TO DATA FIELDS ON INDIVIDUAL INCIDENT FORMS Detections of Pesticides in Groundwater Incident

(See attached form)

Field	Comments/Description
Pesticide/degradates analyzed for, methods of analysis, corresponding detection limits and amount detected	Record as noted.
Sample dates (s)	Record as noted.
Depth to Water	Record as noted.
Well use/well identifier	Record as noted.
Screened interval	Record as noted.
Soil series/texture: (Sand/Clay/Silt/Other)	Record as noted.
Latitude/longitude	Record as noted.
Aquifer description: Confined/Unconfined	Record as noted.
Hydrologic group	Record as noted.
Hydraulic conductivity	Record as noted.
pH of water	Record as noted.
Organic matter/organic carbon (percent)	Record as noted.
Maximum rainfall/date	Record as noted.
Annual cumulative rainfall (inches)	Record as noted.
Cumulative irrigation (inches)	Record as noted.
Years pesticide used	Record as noted.
Application frequency/yr.	Record as noted.
Application method	Record as noted.
Date of last application	Record as noted.
Water severity category	Record as noted.
Additional space for answers or explanatory information in this box	(Optional field) The rule allows Registrants to provide any clarifying or qualifying information related to the incident or their evaluation of the incident. Registrant may use this space to record this information and, attach additional pages if necessary.

**KEY TO DATA FIELDS ON INDIVIDUAL INCIDENT FORMS**  
**Property Damage with Risk of Human Injury Information**  
(See attached form)

<b>Field</b>	<b>Comments/Description</b>
Describe Property damage	Record as noted.
Property severity category	All reportable property damage should be labeled "PD-A"
Additional space for answers or explanatory information in this box	(Optional field) The rule allows Registrants to provide any clarifying or qualifying information related to the incident or their evaluation of the incident. Registrant may use this space to record this information and, attach additional pages if necessary.

**KEY TO DATA FIELDS ON INDIVIDUAL INCIDENT FORMS**  
**Unauthorized Residue in Food & Feed**  
(See attached form)

<b>Field</b>	<b>Comments/Description</b>
Pesticide/degradates analyzed for and corresponding detection limits	Record as noted.
Amount of Pesticide detected	Record as noted
Sample type	Record as noted
Method of analysis	Record as noted
Tolerance level	Record as noted
Additional space for answers or explanatory information	(Optional field) The rule allows Registrants to provide any clarifying or qualifying information related to the incident or their evaluation of the incident. Registrant may use this space to record this information and, attach additional pages if necessary.

## Voluntary Industry Reporting Form for 6(a)(2) Adverse Effects Incident Information

Provide all known, required information. If required data field information is unknown, designate as such in appropriate area. Page# of

Row 1  Administrative Data	Reporter Name	Submission date.	Contact person (if different than reporter)	Internal ID
	Address		Address	
	Phone #		Phone #	
	Incident Status: New__ Update__ If update, include date of original submission.	Location and date of incident. (City, County, State)	Date registrant became aware of incident.	Was incident part of larger study? Y__N__U__
Row 2  Pesticide(s) Involved	EPA Registration # (Product 1)	EPA Registration # (Product 2)	EPA Registration # (Product 3)	
	A.I. (s)	A.I. (s)	A.I. (s)	
	Product 1 name	Product 2 Name	Product 3 Name	
	Exposed to concentrate prior to dilution? Y__N__U__NA__	Exposed to concentrate prior to dilution? Y__N__U__NA__	Exposed to concentrate prior to dilution? Y__N__U__NA__	
	Formulation	Formulation	Formulation	
Row 3  Incident Circumstances	Evidence label directions were not followed? Yes__No__U__ Intentional misuse__	Incident site: (examples include home, yard, school, industrial, nursery/greenhouse, surface water, commercial turf, building/office, forest/ woods, agricultural (specify crop) right-of-way (rail, utility, highway)).	Situation (act of using product): (examples include mixing/loading, reentry, application, transportation, repair/ maintenance of application equipment, manufacturing/ formulating).	
	Applicator certified PCO? Yes__No__U__			
	How exposed: (examples include direct contact with treated surface, ingestion, spill, drift, runoff)	Brief description of incident circumstances.		

## Voluntary Industry Reporting Form for 6(a)(2) Incident Information Involving Humans

Provide all known, required information. If required data field information is unknown, designate as such in appropriate area. Page# of

Demographic information: Age____ Sex____ Occupation (if relevant)	Exposure route: Skin____ Eye__ Oral____ Respiratory__ Unknown____ Other:	Was adverse effect result of suicide/homicide or attempted suicide/homicide?	Was protective clothing worn (specify)?
If female, pregnant? Yes____ No__ Unknown__	Was exposure occupational? Yes__ No__ Unknown____ If yes, days lost due to illness:	Time between exposure and onset of symptoms:	
Type of medical care sought: (examples include none, clinic, hospital emergency department, private physician, PCC, hospital inpatient).	List signs/symptoms/adverse effects		If lab tests were performed, list test names and results (If available, submit reports)
Exposure data: Amount of pesticide:			
Exposure duration:			
Victim weight: ____lb ____kg ____unknown			
Human severity category____			
This box can be used to provide any explanatory or qualifying information surrounding the incident. (add additional pages if necessary)			
			Internal ID #



Voluntary Industry Reporting Form for 6(a)(2) Incident Information Involving Fish, Wildlife, Plants or Other Non-Target Org.  
 Provide all known, required information. If required data field information is unknown, designate as such in appropriate area. Page# of

List species affected and number of individuals per species.	
List symptoms or adverse effects.	
Magnitude of the effect: (Examples include miles of streams, square area of terrestrial habitat).	Pesticide application rate, intended use site (examples: corn, turf), and application method
If plant, plant type: (Examples include crop, forest, forage, orchard, home garden, ornamental).	
If lab test(s) performed, list name of tests and results (submit laboratory report(s) if available).	
Description of the habitat and the circumstances under which the incident occurred.	
Distance from treatment site.	Fish, wildlife, plant, other non-target organism severity categories: _____: _____: _____ Include all categories that apply, ex. W, P, ONT
This box can be used to provide any explanatory or qualifying information surrounding the incident (add additional pages if necessary).	
Internal ID#	

## Voluntary Industry reporting form for 6(a)(2) Incident Information

If incident involves domestic animals use this form to collect information to be reported on the aggregate form. Page# of

Type of animal: (Examples include livestock, bird, fish, poultry, pet (specify)).	Breed/species (name, no./adv.Effect)	Exposure route: (Examples include skin, eye, oral, respiratory, unknown).
Domestic animal severity category____	Time between exposure and onset of symptoms:	
List sign/symptoms/adverse effects. Was animal treated (optional)?		
If lab test(s) performed, list name of tests and results (submit laboratory report(s) if available)		
This box can be used to provide any explanatory or qualifying information surrounding the incident (add additional pages if necessary).		
		Internal ID#

Voluntary Industry Reporting Form for 6(a)(2) Incident Information

Detections of Pesticides in Surface Water

Provide all known information. If required data field information is unknown, designate as such in appropriate area. Page# of

Pesticide/degradates analyzed for, methods of analysis, corresponding detection limits and amount detected:	
<u>Pesticides</u>	<u>Degradates</u>
<u>Method of analysis</u>	<u>Detection limit</u>
<u>Amount detected</u>	
Sampling times/frequency	Sample type: (Grab, composite, other)
If raw water samples, water bodies sampled and approximate locations in each water body.	If raw water samples, proximity of sampling locations to drinking water supply intakes and identities of systems supplied
If finished water samples, water supply systems sampled	If finished water samples, percent surface water source by specific surface water sources to water supply system(s)
Water severity category	
Additional space for answers or explanatory information in this box.	
Internal ID#	

Voluntary Industry Reporting Form for 6(a)(2) Incident Information

Detections of Pesticides in Groundwater

Provide all known information. If required data field information is unknown, designate as such in appropriate area. Page # of

Pesticide/degradates analyzed for, methods of analysis, corresponding detection limits and amount detected:				
<u>Pesticides</u>	<u>Degradates</u>	<u>Method of analysis</u>	<u>Detection limit</u>	<u>Amount detected</u>
Date sample collected	Depth to groundwater	Well use/well identifier		
Screened interval	Soil series and texture: (sand, clay, silt, other)	Latitude/longitude		
Aquifer description: Confined ____ Unconfined ____	Hydrologic group.	Hydraulic conductivity.		
pH of water.	Organic matter/organic carbon (percent).	Maximum rainfall and date		
Annual cumulative rainfall	Cumulative irrigation (inches).	Years Pesticide used.		
Application frequency per year.	Application method			
Date of last application	Water severity category			
Additional space for answers or explanatory information in this box.				
				Internal ID#

Voluntary Industry Reporting Form for 6(a)(2) Incident Information

Incident involving property damage with risk of human injury.

Page# of

Describe property damage (if any).	PD - A
Additional space for answers or explanatory information in this box	
	Internal ID#

**Voluntary Industry Reporting Form for 6(a)(2) Incident Information  
Unauthorized Residue in Food and Feed**

Provide all known information. If required data field information is unknown, designate as such in appropriate area. Page# of

Pesticides/degradates analyzed for and corresponding detection limits	
Amount of Pesticide detected	
Sample type	Sampling times/frequency
Method of analysis	Tolerance Level
This box can be used to provide any explanatory or qualifying information surrounding the incident (add additional pages if necessary).	
Internal ID#	

## **FIFRA 6(a)(2) Aggregate Incident and Effect Information Submission Form Instructions**

Under 6(a)(2) aggregate reporting, the registrant is required to provide an aggregate summary of adverse incidents reported to the registrant that are outside of serious incidents which require individual reports. The attached form is a reporting template developed by industry representatives, in cooperation with the EPA, to facilitate this aspect of 6(a)(2) reporting. Use of this specific form is voluntary and other methods of reporting to achieve the same goal are also acceptable. The instructions for filling in the fields on this form are as follows:

**Product Identification:** In order for the incident to be a reportable event the product must be identified in at least one of two ways. In order of preference by the agency, they are: 1) EPA Product Registration Number or, 2) Active Ingredient. The product name must also be included, if known, but must be accompanied by either EPA Product Registration Number or Active Ingredient.

**Internal ID #:** The Internal ID # is an optional field reserved for use by the registrant to reference that particular summary.

**Submission Date:** The Submission Date refers to the registrant's date of submission for this report.

**Time Period Covered:** Although some registrants may elect to report more frequently, data may be accumulated for a maximum of 90 days (interpreted by EPA as 3 months) then reported within 60 days (interpreted by EPA as 2 months). The registrant should state the time period this aggregate report covers. Considering maximums, an example would be accumulating data for the months of July, August and September, then submitting the aggregate report to the Agency on or before the last day of November.

**Total Incidents:** This field represents the total number of incidents which resulted in one or more of the "Exposure types and Category Designations."

**Exposure Types and Severity Category Designations:** There are a total of 12 exposure types and severity category designations included in aggregate reporting to describe a given type of exposure and reported effects (see definitions on attached page). Each incident will involve a minimum of one exposure type and severity category designation but could involve multiple designations. When an exposure type and severity category designation is reported it is counted only once per incident, regardless of the number occurring in that incident. As an example, one incident involving 5 humans each having effects that would be categorized as H-D would result in category H-D being counted just once in the aggregate report. If that same incident also included 3 occurrences of a B effect in domestic animals then the "D-B" category designation would have a 1 placed in that box also. It should be noted that in the exposure types involving wildlife or plants the number of organisms affected is reflected in the level of the category.

**Additional Information:** Registrant may use this optional area to provide supplemental information that may explain, qualify, or otherwise aid in the interpretation of information provided in the aggregate summary. There is no limit as to the amount of information that can be provided in this area. Please note that this information will not appear in the EPA database but will be made available to the scientific review committees.

These forms contain fields for reporting of information which may or may not be required to be reported to EPA under FIFRA 6(a)(2) and the regulations at 40 CFR 159.152 et.seq.. Use of this form is voluntary and is not intended to infer that any designated fields should be submitted to EPA or to mandate reporting of any specific information to EPA. Registrants/or applicants should consult their own legal counsel or FIFRA 6(a)(2) Reporting Officers before responding.

## SUMMARY OF EXPOSURE TYPES & SEVERITY CATEGORIES INCLUDED IN AGGREGATE REPORTING\*

H-D (Human)	If the person alleged or exhibited some symptoms, but they were minimally traumatic. The symptoms resolved rapidly and usually involve skin, eye or respiratory irritation.
H-E (Human)	If symptoms are unknown, unspecified.
D-A (Domestic Animal)	If the domestic animal died or was euthanized.
D-B (Domestic Animal)	If the domestic animal exhibited or was alleged to have exhibited symptoms which may have been life-threatening or resulted in residual disability.
D-C,D,E (Domestic Animal)	<b>D-C:</b> If the domestic animal exhibited or was alleged to have exhibited symptoms which are more pronounced, more prolonged or of a more systemic nature than minor symptoms. Usually some form of treatment would have been indicated to treat the animal. Symptoms were not life threatening and the animal has returned to its pre-exposure state of health with no additional residual disability. <b>D-D:</b> If the domestic animal was alleged to have exhibited symptoms, but they were minimally bothersome. The symptoms resolved rapidly and usually involve skin, eye or respiratory irritation. <b>D-E:</b> If symptoms are unknown or not specified.
W-B (Wildlife)	Use <b>W-B</b> if none of the following criteria are met: (A) Involves any incident caused by a pesticide currently in Formal Review for ecological concerns. (B) Fish: Affected 1,000 or more individuals of a schooling species or 50 or more individuals of a non-schooling species. (C) Birds: Affected 200 or more individuals of a flocking species, or 50 or more individuals of a songbird species, or 5 or more individuals of a predatory species. (D) Mammals, reptiles, amphibians: Affected 50 or more individuals of a relatively common or herding species or 5 or more individuals of a rare or solitary species. (E) Involves effects to, or illegal pesticide treatment (misuse) of a substantial tract of habitat (greater than or equal to 10 acres, terrestrial or aquatic). (F) Involves a major spill or discharge (greater than or equal to 5,000 gallons) of a pesticide. (G) Involves adverse effects caused by a pesticide, to federally listed endangered or threatened species.
P-B (Plant)	If an alleged effect involves damage to plants, label the incident P-A if the single criterion listed in (A) of this section is met, or <b>P-B</b> if the criterion is not met: (A) The effect is alleged to have occurred on more than 45 percent of the acreage exposed to the pesticide.
ONT (Other non Target Organism)	If an alleged effect involves damage to non-target organisms other than fish, wildlife or plants (for example, beneficial insects), label the incident <b>ONT</b> .
G-B (Ground- water)	If a pesticide is alleged to have been detected in groundwater, surface water or finished drinking water, label the incident in accordance with the following criteria: <b>G-B:</b> If the pesticide was detected at levels greater than 10 percent of the MCL, HAL or a criterion for ambient water quality but does not exceed the MCL or other applicable level.
G-C (Ground- water)	If the pesticide was detected at levels less than 10 percent of the MCL, HAL, or other applicable level, or there is no established level of concern.

\*See 40 CFR Part 159.184 for full text and definitions.



<b>FIFRA 6(a)(2) Aggregate Incident and Effect Information Submission Form</b> (Suggested Format)						Submission Date		page # ____ of ____			
Product Registration #			Time Period Covered:			Total Incidents =					
Active Ingredient(s)				Product Name (if known)							
Internal ID		Exposure Types and Severity Category Designations									
		H-D	H-E	D-A	D-B	D-C,D,E	W-B	P-B	ONT	G-B	G-C
Additional Information:											

<b>FIFRA 6(a)(2) Aggregate Incident and Effect Information</b>							Submission Date		Page # ____ of ____	
<b>Submission Form</b> (Suggested Format)										
Product Registration #				Time Period Covered			Total Incidents =			
Active Ingredient(s)					Product Name (if known)					
Internal ID	Exposure Types and Severity Category Designations									
	H-D	H-E	D-A	D-B	D-C,D,E	W-B	P-B	ONT	G-B	G-C
Additional information:										

Product Registration #				Time Period Covered			Total Incidents =			
Active Ingredient(s)					Product Name (if known)					
Internal ID	Exposure Types and Severity Category Designations									
	H-D	H-E	D-A	D-B	D-C,D,E	W-B	P-B	ONT	G-B	G-C
Additional information:										

Product Registration #				Time Period Covered			Total Incidents =			
Active Ingredient(s)					Product Name (if known)					
Internal ID	Exposure Types and Severity Category Designations									
	H-D	H-E	D-A	D-B	D-C,D,E	W-B	P-B	ONT	G-B	G-C
Additional information:										

Product Registration #				Time Period Covered			Total Incidents =			
Active Ingredient(s)					Product Name (if known)					
Internal ID	Exposure Types and Severity Category Designations									
	H-D	H-E	D-A	D-B	D-C,D,E	W-B	P-B	ONT	G-B	G-C
Additional information:										